EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER

2000068069

PUBLICATION DATE

03-03-00

APPLICATION DATE

13-08-98

APPLICATION NUMBER

10228854

APPLICANT: IDEMITSU KOSAN CO LTD;

INVENTOR: KAWAMURA HISAYUKI;

INT.CL.

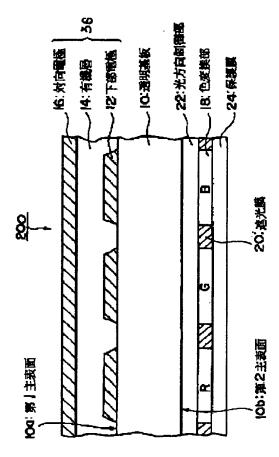
H05B 33/22 H05B 33/10 H05B 33/12

H05B 33/14

TITLE

: ORGANIC ELECTROLUMINESCENCE

DEVICE AND ITS MANUFACTURE



ABSTRACT: PROBLEM TO BE SOLVED: To provide an organic EL device capable of suppressing the occurrence of mixing and bleeding of colors, when an organic EL element and a color conversion part are provided for sandwiching a transparent substrate.

> SOLUTION: An organic EL element 36 and a color conversion part 18 are provided to sandwich a transparent substrate 10, and a light direction control part 22 provided with shielding plates which are perpendicular to a second main surface 10b of the transparent substrate 10 at regular intervals is provided between the transparent substrate 10 and the color conversion part 18. By having light transmitted through slit portions between the shielding plates, only the light proceeding in the direction which is substantially perpendicular with respect to the second main surface 10b is incident on the color conversion part 18.

COPYRIGHT: (C)2000,JPO